

Registrar

MANSFIELD STATE COLLEGE
GRADUATE
BULLETIN
1969-1971



MANSFIELD STATE COLLEGE
IS ACCREDITED BY
THE MIDDLE STATES ASSOCIATION OF COLLEGES
AND SECONDARY SCHOOLS,
THE NATIONAL COUNCIL FOR ACCREDITATION
OF TEACHER EDUCATION,
AND BY
THE NATIONAL ASSOCIATION OF
SCHOOLS OF MUSIC

Responsibility rests with the student to familiarize himself with the policies, procedures, and regulations in this bulletin and to insure that all requirements which are applicable to him are satisfied according to schedule.

THE GRADUATE BULLETIN

1969-1971 SESSIONS



MANSFIELD STATE COLLEGE
MANSFIELD, PENNSYLVANIA

Published by the Trustees of Mansfield State College,
Mansfield, Pennsylvania, once a year.

ACADEMIC CALENDAR 1969-1970

Fall Semester 1969

August 20	Final date for pre-registration.
August 29	Final date for mail registration.
September 5	Residence halls open.
September 8-9	Campus registration.
September 10	Classes begin.
September 27	Homecoming day.
October 24	End of first quarter.
November 25	Thanksgiving Recess begins after last class.
December 1	Classes resume.
December 1	Final date for submitting of completed thesis or project to Dean of Graduate Studies for distribution to the committee members if January graduation is desired. The time of the final oral examination of the thesis or project will be set at this time.
December 8	Final date for submitting application for graduation for the January graduation (including payment for graduation and binding fees).
December 16	Final date for completion of thesis or project for January graduation.
December 20	Winter Recess begins after last class.
January 5	Classes resume.
January 24	Semester ends and Commencement.

AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2	1 2 3 4 5 6	1 2 3 4	1	1 2 3 4 5 6	1 2 3
3 4 5 6 7 8 9	7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13	4 5 6 7 8 9 10
10 11 12 13 14 15 16	14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20	11 12 13 14 15 16 17
17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27	18 19 20 21 22 23 24
24 25 26 27 28 29 30	28 29 30	26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31	25 26 27 28 29 30 31
31			30		

Spring Semester 1970

January 9	Final date for pre-registration.
January 22	Final date for mail registration.
January 29-30	Campus registration.
February 2	Classes begin.
March 25	Spring Recess begins.
April 1	Spring Recess ends.
April 6	Final date for submitting of completed thesis or project to Dean of Graduate Studies for distribution to the committee members if May graduation is desired. The time of the final oral examination of the thesis or project will be set at this time.
April 13	End of first quarter.
April 15	Final date for submitting applications for graduation for May graduation (including payment of graduation and binding fees).
May 1	Final date for completion of thesis or project for May graduation.
May 16	Alumni Day.
May 16	Second semester classes end.

JANUARY	FEBRUARY	MARCH	APRIL	MAY
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4	1 2
4 5 6 7 8 9 10	8 9 10 11 12 13 14	8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9
11 12 13 14 15 16 17	15 16 17 18 19 20 21	15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16
18 19 20 21 22 23 24	22 23 24 25 26 27 28	22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23
25 26 27 28 29 30 31		29 30 31	26 27 28 29 30	24, 25 26 27 28 29 30

Summer Sessions 1970

May 18	Final date for pre-registration (both sessions).
May 20	Mail registration begins for summer session.
May 29	Commencement.
June 5	Final date for mail registration (first session).
June 8	Registration for first session.
June 9—July 17	First session.
July 17	Final date for mail registration (second session).
July 20	Registration for second session.
July 21—August 29	Second session.

MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2		1	2	3	4	5	6		1	2	3	4									1
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
²⁴ ₃₁	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31		²³ ₃₀	²⁴ ₃₁	25	26	27	28	29

Fall Semester 1970

September 1	Final date for mail registration.
September 10-11	Campus registration.
September 14	Classes begin.
November 6	End of first quarter.
November 24	Thanksgiving Recess begins after last class.
November 30	Classes resume.
December 4	Final date for submitting of completed thesis or project to Dean of Graduate Studies for distribution to the committee members if January graduation is desired. The time of the final oral examination will be set at this time.
December 7	Final date for submitting application for graduation for the January graduation (including payment of graduation and binding fees).
December 18	Final date for completion of thesis or project for January graduation.
December 23	Christmas Recess begins after last class.
January 4	Classes resume.
January 19	End of First Semester classes.
January 29	End of Semester and Commencement.

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Spring Semester 1971

January 22	Final date for mail registration.
February 1-2	Campus registration.
February 3	Classes begin.
April 5	Final date for submitting of completed thesis or project to Dean of Graduate Studies for distribution to the committee members if May graduation is desired. The time of the final oral examination of the thesis or project will be set at this time.
April 6	Spring Recess begins.
April 13	Classes resume.
April 23	Final date for submitting application for graduation for the May graduation (including payment of graduation and binding fees).
May 6	Final date for completion of thesis or project for May graduation.
May 21	Mail registration for Summer Session.
May 21	Second Semester classes end.
May 22	Alumni Day.
June 1	Second Semester ends.
June 1	Commencement.

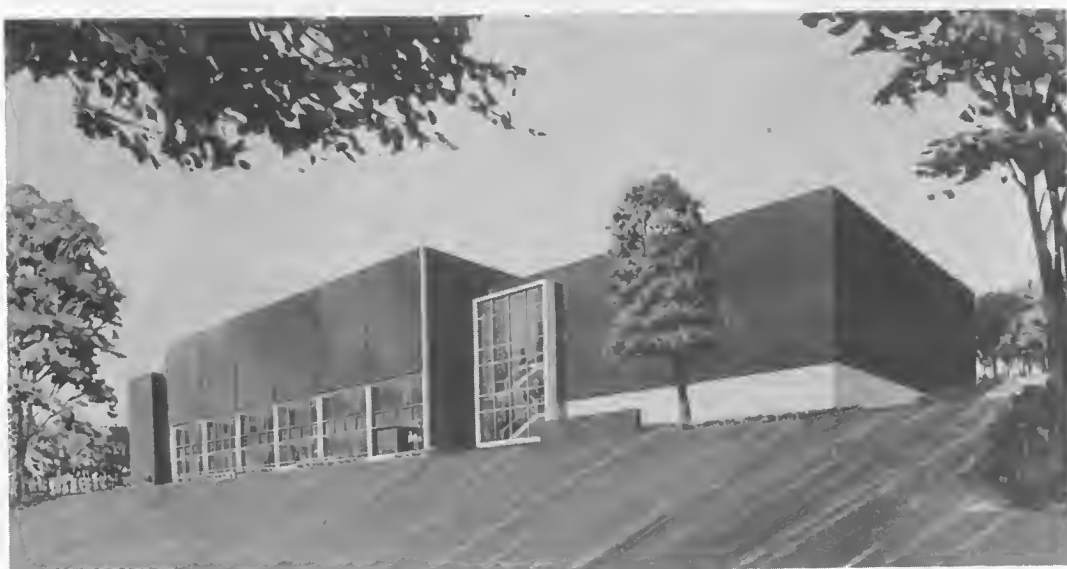
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3	1	1 2 3 4 5
3 4 5 6 7 8 9	7 8 9 10 11 12 13	7 8 9 10 11 12 13	4 5 6 7 8 9 10	2 3 4 5 6 7 8	6 7 8 9 10 11 12
10 11 12 13 14 15 16	14 15 16 17 18 19 20	14 15 16 17 18 19 20	11 12 13 14 15 16 17	9 10 11 12 13 14 15	13 14 15 16 17 18 19
17 18 19 20 21 22 23	21 22 23 24 25 26 27	21 22 23 24 25 26 27	18 19 20 21 22 23 24	16 17 18 19 20 21 22	20 21 22 23 24 25 26
24 25 26 27 28 29 30	28	28 29 30 31	25 26 27 28 29 30	23 24 25 26 27 28 29	27 28 29 30
31				30 31	

THE COLLEGE





STUDENT UNION BUILDING



DECKER GYMNASIUM

The College

The ultimate goal of the college is to provide for its students the opportunity for the richest possible educational experience — a life segment which will most ably fit him to fill the role of contributor during his adult life. "Education" is interpreted as the summation of experiences which modify the behavior and attitudes of the individual—thus, academic disciplines, participation in undergraduate government, student activities and social experiences all represent valued influences.

A history of institutional development of the college reflects not only a pervading belief in the worth of the individual student, but also a sensitivity to the changing requirements of the modern world. A spiraling emphasis on the benefits of higher education to a larger proportion of secondary school graduates has been accorded impetus to the emerging multipurpose concept of Mansfield State College.

Today's college has discarded the ideology of "terminal education." The present curricula of teacher education, arts and sciences, and graduate studies provide cultural enrichment, in-depth investigation of major areas and necessary background which enable the student to live a more effective life, accept a vocational opportunity upon achieving the plateau marked by the awarding of a degree, and engage in continuing educational pursuits.

This college welcomes qualified students, faculty, and staff from all racial, religious, nationality, and socio-economic backgrounds.

It is the belief of the trustees, administrators and faculty of Mansfield State College that the quality of vision shall continually place the college in the situation of institutional growth in which yet-to-be-fulfilled aims extend beyond the current state of progress.

The Community

The Borough of Mansfield is located in Tioga County in the heart of Pennsylvania's beautiful Northern Tier. A residential community, its pleasant streets are lined with the harmonious mixture of well-kept traditional homes, modern dwellings, and apartment complexes which denotes the blending of history and current vitality.

The region is characterized by hills, forests, and farmlands and is noted for unexcelled hunting and fishing. Opportunities for outdoor activities are highlighted by scenic grandeur of the Grand Canyon of Pennsylvania, the winter sports center at Denton Hill State Park, and the beach and boating facilities at Hills Creek Lake State Park — all of which lie nearby.

The Borough is situated at the junction of U. S. Routes 6 and 15. It is about 35 miles from the Chemung County (N. Y.) Airport, 20 miles from the Grand Canyon State Airport near Wellsboro, and 31 miles from each of the New York rail centers of Elmira and Corning.



The Graduate Division

On December 21, 1965, the State Council of Education of the Commonwealth of Pennsylvania authorized Mansfield State College to inaugurate a program of graduate studies and to confer the Master of Education degree. The program was initiated with the opening of the regular summer session in 1966. Graduate curricula leading to the Master of Education degree are offered in Elementary Education, Music Education, Mathematics, History, and English. The Master of Arts degree is also offered in English. Programs are under the direction of the Division of Graduate Studies operating within the framework of policies and curricula developed and approved by the Graduate Council of the College.

All members of the graduate faculty at Mansfield teach both graduate and undergraduate courses and are as concerned with general education as with specialization. They know that a college or university is supposed

to be an organization of men dedicated to bringing about an improved order in human knowledge and experience, and that the measure of its success is the degree to which its faculty and students are able to enrich the life of present and future society. Most departments offer their instruction in small classes and seminars, provide for close association between students and faculty members, encourage independent study, and present their students with programs flexible enough to meet their particular interests and needs. Students and faculty members are engaged in a common pursuit of understanding and learning, and the Graduate Division encourages their cooperative exploration of the subjects that interest them.

The departments and faculty associated with the Graduate Division have several common aims: to provide the student with opportunities for developing a better understanding of our society; to give the student a fundamental understanding and mastery of his field; to inspire in the student a desire to advance knowledge and produce creative works; to train the student in the research and creative techniques in his field; and to prepare the student for professional pursuits and important leadership roles.

Realization of these purposes includes more than the passing of a certain number of courses and meeting other minimum requirements. A student who expects to receive a Master's degree must possess a broad knowledge of the scholarship in his field of study, must exhibit the power of independent thinking, be capable of sustained study, and possess a reasonable ability in research.



The College Library

Centrally located and housed in two stories of the modern three-story library-administration building, the college library is expected in the near future to expand with a new addition to the original building.

The collection, steadily growing, consists of over 80,000 volumes, 500 periodical subscriptions, several long runs of select governmental documents, 26 national, local, and foreign newspapers, microfilms, two microfilm readers, one reader-printer, 8,000 mounted pictures, and a collection of recently-published textbooks.

A general reference collection is conveniently located on the first floor with research tools such as important indexes, bibliographies and abstracts on open shelves. Periodical titles have strong representation in education and music and some of those of general interest have solid runs for over 100 years.

For the aid of the graduate student the main collection is arranged on open shelves and special stack privileges in periodicals are observed, with carrels conveniently located for study. Well-qualified librarians are on duty to assist in research problems; inter-library loans are sought when needed materials are not available locally; and during regular semesters the library is open for services at least seventy-five hours per week.

REQUIREMENTS FOR ADMISSION TO GRADUATE COURSES

Degree Program

Admission with Full Graduate Standing

1. The applicant must present a Bachelor's degree from a college or university accredited by the National Council for Accreditation of Teacher Education, or the Middle States Association of Colleges and Secondary Schools (or the appropriate regional accrediting agency).

2. The applicant shall present official transcripts of his work showing at least a 2.50 quality point average of his undergraduate work as determined by a grading system based on a 4-point scale, or he shall give other indication of academic competence.

3. The applicant must achieve a satisfactory score on the Miller Analogies Test.

4. The applicant must evidence academic, personal, and professional qualities acceptable to the Graduate Council and the appropriate department of specialization. Students applying for the degree in Music Education will present evidence of musical maturity in a formal audition before the Graduate Committee of the Music Education Department.

5. Admission to graduate study does not automatically qualify a student as a candidate for the Master's degree. Admission to candidacy for the degree may be granted only after six or more hours of graduate work have been completed successfully at Mansfield.

The music division of the library offers excellent resources for graduate study. In addition to the extensive collection of books are scores, collected works of composers, periodicals, and other music materials of value to the researcher. The record library includes a collection of approximately 3,500 LP's and more than 2,000 copies of miniature scores and study scores. In addition to music in bound volumes, there are more than 1,500 single selections of sheet music for vocal and instrumental solos and chamber groups.

Non-Degree Program

An applicant for admission to the Graduate Division may elect to pursue a non-degree program in which he may take graduate courses for professional certification, personal improvement, or other reasons of his own. An applicant for admission who desires to enter a degree program may be granted admission in non-degree status if the Graduate Council believes that such status is warranted. Non-degree students will follow the same procedures as degree students in applying for admission to graduate courses. Non-degree students will be refused admission to these courses for which they do not have prerequisites. In addition they may be refused admission to any course on the basis of policies of the Graduate Council relative to the percentage of class members who may be in non-degree status.

Conditional Admission

A student who has earned a baccalaureate degree but has a grade point average below 2.50 may be admitted in a conditional status. This student must meet all other requirements listed under Admission with Full Graduate Standing. The student who is admitted in a conditional status must present as much evidence as possible to support the prediction that he will be able to do satisfactory graduate work. Such evidence may include scores on the Miller Analogies Test or similar tests, grades in graduate study at other institutions, or statements and ratings from knowledgeable persons.

Students admitted in conditional status may apply for reconsideration of status upon completion of a minimum of twelve semester hours of graduate study, six of which must include the introductory 500 course and another required course in the major field of concentration. Consideration for Full Graduate Standing will be based upon course achievement, test scores, and such other evidence as may be required. Students desiring reconsideration of status should apply at the Graduate Studies Office before enrolling for course work beyond 12 semester hours.

If a student enters the Graduate Division to take courses in a non-degree status and then later wishes to change to a degree program, he may do so, subject to the requirements for admission to the degree program. At the time the student wishes to change, he must apply to the degree program. Consideration of the application will include a review of all graduate courses completed. The student has no prior certainty that any or all of the courses taken in non-degree status will be applicable to a degree program. Decisions on the inclusion of such courses to satisfy degree requirements will be based upon evaluations of the academic grades earned, the relationship of the subject matter to the student's background and preparation, and to the intent of the desired degree program.

Continuing Education

Courses in continuing education are being planned for the 1970-71 academic year. Information may be obtained from the Director of Continuing Education. Further details concerning courses in continuing education and their applicability to graduate degree programs at Mansfield will be issued by the Graduate Division as addenda to this bulletin.

General Regulations Governing Foreign Language Requirements

A knowledge of an appropriate foreign language is a communication skill required in certain graduate programs to insure a competence considered essential to a scholarly grasp of the major field of study, or necessary to remain abreast of developments in it, or as a scholarly tool essential to the student's research. The requirement calls for a "reading knowledge" in the language which means a basic knowledge of the structure and vocabulary of the language in addition to a knowledge of the vocabulary of the field or discipline.

A student whose program includes a foreign language requirement may not be admitted to candidacy until he has satisfied the requirement. Responsibility for the evaluation of a student's competence in a foreign language rests with the Foreign Language Department acting, for this function, under direction of the chairman of that department.

General regulations and procedures governing the satisfaction of the foreign language requirement are given below. Information concerning schedules of examinations, reading lists, nature of examination, standards, and general procedures may be obtained from the chairman of the Foreign Language Department.

1. Language requirements may be met by examination only, and by examination at this College only. A student who has already taken a *Graduate School Foreign Language Test* prepared by the Educational Testing Service should have a transcript of his scores sent to the Graduate Division Office. The Foreign Language Department will evaluate the transcript to determine whether the student qualifies for exemption from this regulation and from further examinations.
2. A student is admissible to an examination with or without evidence of formal or informal preparation. However, the Foreign Language Department may specify a minimum period between examinations in the case of the student who fails.
3. Ordinarily a student may not take a language examination more than three times in an attempt to satisfy the requirement. A student who fails three times must have the approval of his department and of the Foreign Language Department if he is to be examined again.
4. With the approval of his major department, a foreign student may present his native language in meeting the foreign language requirement provided there is a body of research or other materials in the language pertinent to the student's field of study or to his thesis.
5. English may not be used to satisfy a foreign language requirement.
6. A graduate student may not be required to take a language course. However, a student may be encouraged to audit or take a regular language course if this seems to be the best way to build his language competence to the desired level. Credits earned in foreign language courses may not be applied toward semester hour requirements for the Master's degree.

7. All graduate students whose programs include a foreign language requirement and who are to be examined in French, German, Russian, or Spanish will be required to take either (1) a local examination prepared and administered by the Foreign Language Department at Mansfield or (2) a *Graduate School Foreign Language Test* prepared by the Educational Testing Service.
8. A current record of the student's success or failure in meeting a foreign language requirement is recorded on the student's permanent record and transcript.

Foreign Students

Graduates of foreign colleges and universities who believe that they have completed the equivalent of at least an American bachelor's degree are invited to apply for admission and for graduate assistantships. Foreign applicants should enclose with the official application form original documents, or official certified copies, indicating the nature and scope of their educational program.

The importance of ability in the English language cannot be overemphasized. A student should not come to the United States to study unless he is competent in reading, writing, and speaking the English language; listening comprehension (for lectures) is most important. Before a foreign student can be accepted, he must furnish evidence of his facility in English.

A student whose native language is not English must submit a report of the Test of English as a Foreign Language (TOEFL) administered by the Educational Testing Service. Information about testing dates and an application form may be obtained by writing to TOEFL, Educational Testing Service, Princeton, New Jersey 08540. Since the test scores are an important part of the application, the report should reach the Graduate Division Office at least three months prior to the time the student wishes to begin his graduate study.

Foreign students who are not presently residing in the United States should make application a year in advance of the time they wish to begin graduate study. Application can be made through the scholarship committee of the Institute of International Education in their home country. The Institute acts as a clearing house for foreign students wishing to study in the United States and helps to place them at suitable colleges and universities. Students may obtain information about the local committee from the U.S. Embassy or the United States Information Service.

Expenses for one college year of study at Mansfield are approximately \$2000. A foreign student will not be granted admission until he can prove his ability financially to support himself here and pay for his travel expenses to the United States and back.



Assistantships

A limited number of graduate assistantships are available in each department of the college offering a graduate program. Assistantships are offered only to full-time students who have been admitted unconditionally as degree students. A student granted an assistantship must carry at least 9 semester hours of credit each semester and may carry no more than 12 semester hours. The graduate assistant is generally required to contribute up to 15 hours of service a week in assigned professional activities. The number of assistantships and the stipend depend upon the approval of budget requests and may vary from year to year. Graduate assistantships are required to pay the regular course fees and the student activity fee. Further information may be obtained from the Graduate Division Office.

Counselorships

A limited number of counselorships for male and female graduate students who are interested in serving as dormitory counselors in one of the undergraduate dormitories is available.

Background or training in counseling or personnel work is desirable though not essential. Dormitory counselors are provided with a room and receive a stipend. Requests for information and applications should be made to the Dean of Students.



Admission of Undergraduate Students

An undergraduate student at Mansfield State College may be admitted to the Graduate Division if he satisfies the requirements for admission with full graduate standing, except for having the bachelor's degree, and if he is within twelve semester hours of having satisfied all of the requirements for the bachelor's degree. The total load of courses, undergraduate and graduate, may not exceed fifteen semester hours. In no case will graduate credit actually be awarded until the bachelor's degree has been conferred. Admission under these conditions will be in conditional status.

Procedures for Admission To Graduate Courses

1. Each applicant will file with the Dean of Graduate Studies an application for admission to graduate study as early as possible and preferably not later than three weeks prior to the session in which he wishes to begin his study. Application forms and Graduate Bulletins may be obtained by writing to the Dean of Graduate Studies.
2. An application fee of \$10.00 payable to the Commonwealth of Pennsylvania must accompany the application. This fee is not refundable and is not credited toward course fees.
3. The applicant will notify institutions at which he has taken undergraduate and/or graduate work to send two official transcripts directly to the Dean of Graduate Studies at Mansfield State College. It is not necessary to request transcripts of work taken at Mansfield.
4. Three letters of recommendation must be submitted on forms available from the graduate office. Completed recommendations are to be mailed directly to the Dean of Graduate Studies.
5. The applicant will schedule a date for completing the Miller Analogies Test.
6. An applicant for graduate study in music will arrange for a formal audition before the Graduate Committee of the Music Education Department.

Requirements for Admission to Graduate Degree Candidacy

In order to complete a program of graduate study leading to the Master of Education degree or Master of Arts degree the student must apply for and be admitted to candidacy for that degree. The following policy governs admission to candidacy:

1. The applicant shall file with the Dean of Graduate Studies an official application for admission to candidacy.
2. The student must have been admitted to full graduate standing in the Graduate Division.
3. The applicant shall have completed not less than six hours of graduate credit in the following courses at this college at the time of making application for candidacy: the introductory 500 course and one additional required course in the major field of concentration. Since a maximum of twelve hours of graduate credit earned at Mansfield prior to admission to candidacy may be applied toward the requirements for the Master's degree, students should apply for admission to candidacy before they complete more than twelve credits at Mansfield.
4. The applicant shall have maintained a grade point average of not less than 3.0 (equivalent to an average of B) in graduate courses.
5. The applicant shall have achieved satisfactory scores on the Graduate Record Examination, both the Aptitude Test and the Advanced Test in his major field. Students are encouraged to take these examinations during their first term of graduate work.
6. Individual departments may require students to take an examination designed to evaluate their knowledge and general competency in the area of specialization.
7. An applicant for the M.A. degree must submit appropriate evidence of satisfactory completion of the foreign language requirement.
8. Applications for degree candidacy must be accompanied by a detailed program of studies which will indicate all courses to be taken for the degree, that deficiencies established on admission have been removed, and which clearly indicates a purposeful direction in the course selection for the entire program. Courses must include opportunities for experience in writing and investigative skills in an approved program and must have approval of the major department and the Dean of Graduate Studies.
9. If a proposed degree program is to include course work to be transferred from other graduate schools, the applicant must request two copies of official transcripts of such work to be sent directly to the Dean of Graduate Studies.
10. Admission to candidacy requires the approval of the major department, the Dean of Graduate Studies, and the Graduate Council. Mere minimum satisfaction of quantitative requirements does not guarantee approval of the candidacy application. The College reserves the right to refuse admission to candidacy without being required to give reasons.

Requirements for the Master's Degree

The Master of Education degree or Master of Arts degree will be granted only upon:

1. Unqualified admission to candidacy for a specified degree.
2. Completion of a graduate program of study totaling not less than 30 semester hours of credit in the thesis program or not less than 33 semester hours of credit in the non-thesis program, including courses prescribed in the applicable curriculum and courses specified in the program of study developed by the student's advisory committee. Students may find it necessary to earn more than the minimum number of credits before they will be considered ready for the degree. Mansfield State College is not committed to grant a degree upon the completion of 30-33 credits.
3. Submission and approval of the thesis, research project, creative project, or presentation of a graduate recital in the 30-credit program.
4. Completion of all graduate courses with a grade of "C" or better and with a total quality point average of 3.0 ("B") or better.
5. Satisfactory performance on written and/or oral examinations conducted by the student's advisory committee. The department is given complete latitude in determining final examination requirements.

Course Load

During the summer session a graduate student may earn a maximum of twelve semester hours, i.e., a maximum of six semester hours during each six-week term. This includes semester hours of graduate credit as well as credit earned in undergraduate courses necessary for the removal of deficiencies. Maximum credit hour load during the regular academic year is twelve semester hours each semester.

Students must recognize that in graduate study the pressure for success is very great and that study is very time-consuming, particularly during the summer sessions. Therefore, the maximum credit hour loads should be undertaken only by students planning to devote full time to their studies.

A graduate student holding what would ordinarily be considered a full-time position is permitted to register for no more than three semester hours each semester and summer session.

A graduate student engaged in part-time work which takes as much as fifteen hours per week is permitted to register for no more than six semester hours each semester.

Any exceptions to the above credit hour load restrictions must be approved by the Dean of Graduate Studies.

Scheduling of Classes

All graduate classes will be scheduled during late afternoons, evenings, and/or Saturdays during the regular academic year. As enrollment warrants, the number of classes given during the regular academic year will be increased. The calendar and daily time schedule for graduate courses offered during the summer term will be similar to the calendar and daily time schedule for undergraduate courses. Graduate students will be able to pursue a full-time graduate study program during the summer.

Class Cancellation

The official calendar for the Graduate Program lists the class meeting date for each session. This calendar is distributed to faculty and posted on the official bulletin boards every semester.

It is the policy of the Graduate Division not to cancel regularly scheduled classes because of weather conditions, nor does the Division issue announcements over radio stations or in newspapers or give information through its switchboard that classes will be suspended because of such conditions. In cases of an emergency which disrupts transportation facilities or creates personal problems, students should make decisions as to attendance which appear appropriate to them in their particular circumstances.

Absences

The graduate student is expected to attend all classes. A student who is absent, for other than emergency reasons, shows a lack of seriousness of purpose toward graduate study and may be disqualified as a degree candidate.

It is important that the student notify his professor(s) when he cannot attend a class. The student is held fully responsible for all work required for courses taken. Absences from class, therefore, do not constitute a valid reason for exemption from course responsibilities. Students absent from examinations for valid reasons should confer with the professor concerned as early as possible in order to make up the examination.

Time Limit

All requirements for the Master's degree must be completed within a five-year period immediately preceding the date on which the degree is to be conferred. In very unusual circumstances, this period of time may be extended. If an extension of time is desired, written application should be made to the Dean of Graduate Studies.

Residence Requirements

The degree requires that a student complete a minimum of thirty (30) semester hours of graduate credit in the thesis program or thirty-three (33) semester hours of graduate credit in the non-thesis program. The student must also fulfill other requirements and conditions as stipulated in this bulletin. A maximum of six (6) semester hours of graduate credit will be allowed as transfer credit from other graduate schools. The remaining 24-27 semester hours must be earned in residence at this college. The final six hours in any program must be completed at Mansfield.

Grading

The following symbols are used to evaluate the course work:

- A—Excellent, indicating unusual intellectual ability and initiative.
- B—Good, or above average graduate attainment.
- C—Fair, or average graduate attainment.
- D—Not acceptable for graduate credit.
- F—Failing.
- I—Work incomplete.
- W—Withdrawn with permission of the Dean of Graduate Studies and Passing at the time of withdrawal.

Scholarship Requirements

The college uses the above letter grades — A, B, C, D, F, I, W, — in graduate courses. Only credit earned in courses in which the grade received was "A", "B", or "C" will be accepted for the Master's degree. Although credit will be accepted for courses in which a grade of "C" is earned, a cumulative quality point average of 3.00 (B) or better (A=4 quality points; B=3 quality points; C=2 quality points; D=1 quality point) must be maintained in all graduate work.

The work in any course must be completed by the final meeting of the particular class. An incomplete grade will be issued only when the work is interrupted because of personal illness, accident, death in the family, or other justifying circumstances. Under such conditions the "I" grade must be removed within sixty days following the end of the session. After that date, the incomplete will automatically revert to a grade of "F", unless an extension of time has been approved by the Dean of Graduate Studies for exceptional reasons. Course work unfinished at the end of a semester because of negligence by a student, will result in an "F" grade.

Permanent Certification

By action of the State Department of Education, provisional college certificates issued after October 1, 1959 require for validation for the permanent form of the certificate the completion of at least twelve semester hours of post-baccalaureate work. Provisional college certificates issued after October 1, 1963, require for validation for the permanent form of the certificate the completion of at least twenty-four semester hours of approved post-baccalaureate or graduate work including twelve semester hours in the academic content area, unless otherwise specified, and the remainder in any one or a combination of general education, professional education, and subject-matter specialization.

Teachers who are able to qualify for admission to graduate classes and who are able to profit by graduate work are encouraged to do the work required for permanent certification in a graduate program in order that it may also be used toward a Master's degree.

Veterans

Mansfield is approved to offer training under Public Law 634. Students who are entitled to training under this bill should contact the Dean of Men's office immediately after being accepted for admission to Mansfield in order to secure additional instructions.

Auditors

In individual cases, upon recommendation of the particular instructor, Dean of Graduate Studies may grant permission for graduate students to audit courses. Auditing is permitted only if the student has been admitted to the Graduate Division and has registered and paid the regular fees for the course. No graduate credit of any type will be given for courses audited. A student enrolled as an auditor may be dropped from the course when, in the judgement of the instructor and the Dean, such action is justified. A student who enrolls in a course as an auditor may not repeat the course for credit.

A student who registers to take a course for credit may change his status to that of an auditor if he makes this request in writing to the Dean of Graduate Studies prior to the sixth meeting of the class.



Housing Facilities

Housing in the college dormitories is available to graduate students. Those desiring housing facilities and information regarding housing and dining fees are requested to write to the Dean of Men or the Dean of Women. Applications are processed in the order in which they are received.

The availability of living accommodations for graduate students in the college dormitories during the regular academic year depends upon the enrollment and demand for the housing. Interested students are urged to make the necessary arrangements as early as possible.

Parking

Parking space is available for graduate students, but all automobiles must be registered with the Campus Security Office. Parking decals, available at a minimal charge payable at registration, may be obtained by filing the necessary information with the Security Office.



Health and Infirmary Service

The infirmary contains a well-equipped dispensary and rooms providing overnight beds. The college nurses and staff are on duty or on call at all times, and the college physician makes regular visits on Monday, Wednesday, and Thursday. A preventative health program is conducted which includes tuberculin tests, influenza vaccines, tetanus immunization, allergy vaccine, and diabetes injections.

Transfer of Credit

A maximum of six semester hours of graduate credit earned at another accredited graduate school may be accepted in partial fulfillment of degree requirements with the approval of the Graduate Council. However, such credit will be accepted only (1) when earned in courses appropriate to the curriculum which the student is pursuing at Mansfield State College, (2) when a grade of "B" or better was received as verified by an official transcript, and (3) when the credits earned fall within the five-year period established for the completion of all degree requirements. Work already applied toward another degree cannot be accepted, nor extension work completed at another institution.

Students who have been accepted as degree candidates at Mansfield State College, and wish to enroll in graduate courses at other approved colleges or universities for transfer credit, must receive prior written approval from the Dean of Graduate Studies in order to insure that transfer credit will be accepted.

In no case will a transfer student be given credit towards satisfying any requirements. This statement means that a student may not transfer credit of examination for admission to degree candidacy or any other type of examination credit.

Reciprocity

Students pursuing graduate programs at other accredited schools may be permitted to enroll in graduate classes for the sole purpose of transferring any credit earned to other institutions. Any such student must present official transcripts of undergraduate credits and a letter from his Dean or Director of Graduate Studies confirming his status and specifically designating the course or courses which are approved for transfer credit. All such students must pay the fees normally charged of other students enrolled in the course. Students from other Pennsylvania state colleges need not pay the application fee, if paid previously.

Schedule of Fees

(Subject to change without notice)

Application Fee	\$10.00
(Payable at time of application for admission to graduate courses. Not refundable or applicable to graduate tuition.)	
Graduate Tuition Fee	
Pennsylvania residents	
per credit	\$25.00
Out-of-state residents	
per credit	\$30.00
Graduate Degree Fee	\$10.00
Late Registration Fee	\$10.00
Vehicle Registration and Campus	
Parking (per year)	\$ 2.00
Graduate Students are required to pay any fees (activity fee, library fines, etc.) charged other students.	

MUSIC FEES

Students in the music curriculum are further subject to the schedule of fees listed below:

APPLIED MUSIC

(Lesson fees are in addition to the \$25.00 or \$30.00 per semester hour credit fee.)

Piano, Organ, Instrument or Voice	
private lessons	
per credit	\$18.00
class instruction	
per credit	\$12.00

RENTALS

Any band or orchestra instrument ----	\$ 6.00
(per semester or six-weeks summer term.)	

PRACTICE TIME

Instrumental Room — 2 hours per day	
per week	\$.50
Piano Room — 2 hours per day	
per week	\$ 1.00
Organ Room — 2 hours per day	
per week	\$ 1.50

Candidates who have been approved for the Master's degree are required to purchase or rent from the College Book Store a Master's cap, gown, and hood to be worn at the graduation exercises. The fee for these items is nominal.

Three bound copies of the Master's thesis, research project, or creative project must be submitted to the college. The current charge for binding is \$5.00 per copy. Additional copies may be bound for the student at the same charge. Arrangements for binding must be made with the Graduate Office.

Transcripts

All pertinent information such as full name, maiden name, curriculum, and dates of attendance must be included. Students who want transcripts of their graduate work at Mansfield may obtain them by completing a Transcript Request Form available from the Graduate Office or by writing to the Dean of Graduate Studies. There is no charge for the first transcript. A fee of \$1.00 is charged for each transcript after the first one. Checks should be made payable to the Commonwealth of Pennsylvania and should accompany the transcript request.

As graduate and undergraduate records are maintained separately, students who want transcripts of their undergraduate work at Mansfield should clearly indicate that they are requesting an undergraduate transcript. The sending of undergraduate transcripts will be facilitated if each such request is sent directly to the Registrar, Mansfield State College. A fee of \$1.00 is charged for each transcript after the first one. Checks should be made payable to the Commonwealth of Pennsylvania and should accompany the transcript request.

Program Changes

After the official registration period is completed all changes in course enrollment must be approved by the Dean of Graduate Studies.

Up to the end of the first three weeks of a regular semester or the end of the first week of a summer session, changes of schedule will not be recorded as withdrawals on the student's permanent record. The filing of an official withdrawal form is not necessary for schedule changes made within this period.

Withdrawals

When circumstances are such that a student finds it necessary to withdraw from a course, he must file with the Dean of Graduate Studies an official withdrawal form which may be secured in the Graduate Office. Failure to file this form will constitute an unapproved withdrawal and will result in a grade of "F" on the student's record.

An official or approved withdrawal prior to the completion of 1/3 of the scheduled class periods will result in a designation of "W" on the student's record. Except in very special cases, a course from which a student withdraws (and receives a "W" grade) must be repeated in its entirety if it is taken again.

A student withdrawing from a course after the completion of 1/3 of the scheduled class periods will automatically receive an "F". If withdrawal is caused by a health condition or for other approved reasons, the grade may be indicated as incomplete and made up in accordance with a written agreement between the instructor, student, and Dean of Graduate Studies.

Refunds

Application and registration fees shall not, at any time, be refunded since services which require payment of these fees have been rendered by the college before the fees are paid.

No portion of the tuition fee shall be refunded if the student has attended one-third or more than one-third of the class periods scheduled during a given semester or session. A graduate student is considered to be in class attendance up to the date on which he submits to the Graduate Office a written notice of his intent to withdraw.

If a student withdraws from a course, for approved reasons, before one-third of the scheduled class periods have been completed, the student shall then be entitled to a refund of one-half the amount of the tuition fees paid. At the present time, the only approved reason is a health condition verified by a physician's statement.

Refunds will not be made to students who are suspended or dismissed or to students who drop courses without the approval of the Dean of Graduate Studies.

Programming and Registration

The responsibility for being properly programmed and registered rests with the student. Following the curriculum in this publication under his particular major field the student prepares a schedule of courses to fit his individual needs. Normally he schedules content courses in his major as rapidly as they are available. The schedule is submitted to the chairman of the department of the graduate major field for his approval. The student is responsible for following the specified procedure.

Student Responsibility

The graduate student is expected to know and follow the requirements for the degree he plans to earn. While the faculty and administration of the Graduate Division will endeavor to aid in any way possible, the responsibility for any error in his own enrollment or in the interpretation of the requirements rests with the student.

Advisory System

The primary responsibility for advising a student concerning his graduate program, prior to his admission to candidacy for the Master's degree, rests with the Dean of Graduate Studies and the chairman or designated representative of the department of the student's field of specialization. Each student must assume responsibility however, for knowing the curriculum requirements and for seeing that these requirements are met.

When a student is accepted as a candidate for the Master's degree, he will be assigned or he may choose with the approval of the Dean of Graduate Studies, a member of the graduate faculty in his area of specialization as his program advisor. This faculty member will be responsible for advising him concerning his program to complete the requirements for the Master's degree.

In some cases, the program advisor might also supervise the student's work in completing the research or recital requirement, or serve as chairman or member of the student's thesis committee.

Research Requirement for The Master of Education Degree

Graduation

The student is responsible for submitting a formal written application for graduation and for fulfilling all requirements for the degree as outlined in this bulletin.

It is also the responsibility of the student to check with the Graduate Office at least three months before the date of his anticipated graduation. The Graduate Office prepares a list of prospective graduates several months before each commencement. It is the student's responsibility to see that his name is included on the graduation list and to indicate the way his name should appear on the diploma. If the degree candidate fails to check with the Graduate Office and fails to complete the application for graduation, it will be necessary to postpone his graduation until the next regular commencement.

All graduating candidates must attend graduation ceremonies except in cases of personal emergencies when excused by the Dean of Graduate Studies.

Placement

Mansfield State College provides placement services for its graduates. The services are available without charge to students who have completed an undergraduate degree at Mansfield or to graduate students who have been admitted to candidacy for the Master's degree. Graduate students who wish to make use of the services of the Placement Office should contact that office to make proper arrangements.

Each candidate for the Master of Education degree is required to complete the course METHODS AND MATERIALS OF RESEARCH in his respective area of specialization. The candidate who elects the 30 semester-hour thesis program at Mansfield must also satisfy an additional research requirement as established by the Graduate Council. This requirement is essentially that the candidate must conduct an independent study related to his major field and report on this study with a written thesis or research project, recital, or a creative project in the form of a musical composition or transcription. Formal approval of the nature and topic of independent study may not be obtained until the student has been accepted as a degree candidate.

THESIS

6 credits

The thesis is a scholarly investigation of a significant problem in the student's field of specialization. The study is pertinent to the student's interest and professional ambition and is conducted in accordance with established standards of research under the guidance of an appointed faculty advisor. It is characterized by independent work in depth. It may be a written report of exhaustive research to support or refute a belief or hypothesis, to solve a complex professional problem, to produce a creative work, or to make an extended analysis of the literature. It may take the form of historical, descriptive, or experimental study.

RESEARCH PROJECT

3 credits

The research project, although less extensive than the thesis, must give satisfactory evidence of the student's ability to select a suitable topic for individual research, to identify and follow appropriate research procedures in the acquisition and analysis of pertinent information, and to follow accepted standards in the preparation of a written report of his study. The research project may

be concerned with the solution of a problem related to the student's major field of study or to his work in the field; it may be the study of a specific operation in a specific setting, or may be accomplished by a survey of the literature on a specific problem.

RECITAL 2 credits

A formal recital may be given in the student's major performing medium with the approval of and under the guidance of his private teacher. All music performed on the graduate recital must have been learned subsequent to matriculation for the graduate degree. A student should secure recital approval as soon as he has been admitted to candidacy, but the actual performance of the recital should occur during the final six hours of his graduate program. The recital will normally be presented by memory.

CREATIVE PROJECT 2 credits

The creative project may be in the form of (1) a musical composition, or (2) a transcription of major work. The project in composition should be elected only by those students who have had a strong undergraduate background in music theory and who have had some experience in composition. There are no specific requirements as to style, medium of performance, or length. Decisions on such details must be worked out between the student and his advisor before the project is initiated. A creative project in transcription will consist of transcribing a work of major proportions for another medium, e.g., a piano composition may be transcribed for band or orchestra, an orchestral work for band, etc.

Steps in Satisfying the Research Requirement

1. The 500 course in each department is an introductory course to graduate study in that discipline and is designed to familiarize students with the various methods of research and the tools which will be used in subsequent course work and research.

2. The student should discuss his proposed research with his department chairman who will appoint a research advisor. The student, with the approval of his advisor, should decide on a research project, thesis, recital, or creative project. Formal approval of the topic may not be obtained until the student has been accepted as a degree candidate.

3. The student submits the research proposal to his advisor and secures formal approval of the proposal. A research project or creative project proposal requires the approval of the advisor and the Dean of Graduate Studies. A thesis or recital proposal requires the approval of the committee and the Dean of Graduate Studies. A thesis or recital committee will normally consist of the advisor, the chairman of the major department, and at least one other faculty member.

4. After securing formal approval of his research proposal, the student should conduct his investigation and begin writing his report as soon as possible. In most cases the approval of the research proposal will expire after two years. The advisor and the Dean of Graduate Studies should be kept informed on the progress of the study. A rough draft of the project or thesis should be submitted for review well in advance of the deadline date for the final draft.

5. The final draft of a thesis, research project, or creative project should be submitted as early as possible but not later than the deadline date listed in the official calendar in this bulletin. The final draft should be typed and be as free from errors as the student is able to make it. Only minor corrections will be permitted after the deadline date. In the event that a major revision is needed, the student will be required to postpone graduation. When the final draft has been approved, the student will be given instructions for preparing the final copies of the project or thesis. A thesis, project, or recital must

be approved by examiners recommended by the Department and appointed by the Dean of Graduate Studies.

6. Oral examination on the research study.

7. Three bound copies of the thesis, research project, or creative project must be submitted to the Graduate Office not later than one week prior to commencement. These must be accompanied with three copies of the abstract. One copy of each will be retained by the Graduate Office, and the remaining copies will be given to the college library and the major department.

8. The style and format of all drafts and the finished copies must conform to the style manual and additional instructions adopted by the Graduate Division. *A Manual for Writers of Term Papers, Theses and Dissertations* by Kate L. Turabian is the adopted style sheet for the graduate program at Mansfield State College. Additional instructions are outlined in the *Bulletin on Research Procedures and Guide for the Completion of the Research Requirement* which may be obtained from the Graduate Office.

9. Duplicate copies of the research proposal and drafts of a thesis or project should be retained by the student. The Graduate Division cannot accept the responsibility for the loss of such materials.

10. Final credit for a thesis or project will be withheld and a grade of "I" recorded until all materials have been submitted in completed form and accepted by the Graduate Office.

CURRICULA and COURSE DESCRIPTIONS

Courses listed in this bulletin in the 400 series are for upperclassmen with at least junior standing and for graduate students. A limit of six (6) credits earned in these courses may be applied toward the requirements for the Master's degree.

Courses in the 500 series are restricted to students registered in the Graduate Division, seniors with an average of at least 3.50, and other students who have been granted permission to enroll by the Dean of Graduate Studies. Undergraduate students will receive undergraduate credit and will not be permitted to enroll again at a later date in the same course(s) for graduate credit.

Art

Art 401G — Cultural Origins of the West (Summer Travel Program)

A travel-study seminar abroad visiting countries in Western Europe such as France, Spain, Greece, Italy, and Yugoslavia; the course is planned as one of intensive study in the humanities of that part of the western world from which our culture springs. Lectures conducted throughout the tour by the director, and finalized by the preparation of a term paper by the participants. An orientation meeting prior to departure and following return will be held. (32 days tour)

3 semester hours

Art 504 — Major Trends In Art of the 18th and 19th Centuries

A comprehensive study of major movements and trends in art of the 18th and 19th centuries in Italy, France, England, and United States in architecture, painting and sculpture with emphasis on significant artists, architects and sculptors, and their contributions.

3 semester hours

Art 505 — Major Trends in Modern Art

A study of the major movements in modern art since the late nineteenth century, with analysis of techniques and concepts in their historical context. Close attention to the characteristics and significance of the work of leading figures in the movements.

3 semester hours

Art 506 — Current Trends in Art Education

Exploration and discussion of new materials, processes, and philosophies in current art education; experimentation with materials as well as discussion of current publication and research.

3 semester hours

Art 507 — Graphics

An investigation and development of the techniques of intaglio, lithography, serigraphy, woodcuts with emphasis on individual exploration of creative expression.

3 semester hours



Elementary Education

Candidates for the Master of Education degree with a major in elementary education are expected to be students who are or plan to become public school elementary teachers, or have other reasons for pursuing this program that are acceptable to the graduate committee of the Elementary Education Department. Since this degree should represent a broad knowledge of elementary education, students whose undergraduate major was not elementary education or whose undergraduate preparation was not the equivalent of the program at Mansfield may be required to take additional course work in excess of the minimum credit hour requirements.

A minimum of 30 semester hours of graduate work in the thesis program, or 33 semester hours of graduate work in the non-thesis program will be completed in accordance with the following divisions:

Basic Requirements

Ed 500	3 s.h.
Ed 531	3 s.h.

Field of Specialization

Ed 550	3 s.h.
EdEl 591	3 s.h.
EdEl 592	3 s.h.

0 to 18 semester hours of graduate credit in additional education courses to be selected under advisement from the department. The number of semester hours will vary depending upon whether the thesis or non-thesis program is followed, and whether courses outside the field of specialization are chosen as allied electives.

Research

Research Project (optional)	3 s.h.
Thesis (optional)	6 s.h.

Allied Electives

A maximum of 9 semester hours of credit may be elected in graduate courses outside the field of specialization. The selection of courses will be based upon the student's needs as determined by his advisor.

EDUCATION COURSES

Ed 493 — Supervision of Student Teaching

A course addressed to those who are associated with the supervision of student teachers: cooperating teachers, college administrators, college supervisors, secondary and elementary administrators, and directors of laboratory experiences.

3 semester hours

Ed 500 — Methods and Materials of Research

An introduction to research and its practical application to professional problems with attention given to types of educational research, techniques of gathering data, organizing and evaluating data on a scientific basis, and arriving at reliable conclusions.

3 semester hours

Ed 521 — Psychology of Exceptional Children

Advanced study of personality, emotional, social, and learning characteristics of children who are exceptional in physical development, intelligence, behavior, speech, and hearing. Emphasis on research findings; understanding the psychological problems of these children and methods to facilitate adjustment; attitudes; mental tests and diagnosis; counseling and guidance; and educational implications. Observation of exceptional children.

3 semester hours

Ed 522 — Seminar on the Mentally Gifted

Advanced study of nature, characteristics, and educational need of mentally gifted students. Review of research findings with implications for curriculum development and materials. Observation and field resource visitations included.

3 semester hours

EdEl 523 — Theory and Practice of Beginning Reading Instruction

A thorough investigation and evaluation of beginning methods of reading instruction with emphasis on preventive measures for the elimination of reading difficulties in elementary classrooms.

3 semester hours

EdEl 525 — Developmental and Remedial Instruction in Reading

The psychology of reading as a developmental task for children; diagnostic teaching of the reading skills; pertinent research applied to teaching and learning.

3 semester hours

EdEl 526 — Diagnosis and Adjustment of Reading Difficulties

An understanding of how to diagnose in an adequate and efficient manner, students who have shown deficiencies in some aspect of the reading spectrum. Additional understandings, such as what to do with corrective and remedial students in a classroom situation will be included in the course. This course is a prerequisite for the Reading Specialist Clinic Course.

3 semester hours

EdEl 527 — Teaching Reading to Exceptional Children

An understanding of the physical, social, and educational needs of exceptional children found in elementary classrooms with special emphasis on the adaption and utilization of reading methods and materials applicable to exceptional children.

3 semester hours

Ed 528 — Teaching Reading to Older Children and Adolescents

A thorough investigation of reading methods and materials applicable to intermediate grades, junior high, and senior high students with special emphasis on grouping and teaching reading in the content areas.

3 semester hours

EdEl 530 — Reading and Study Clinic

3-6 semester hours

A practicum designed to help teachers become adept in using certain instruments that will aid them to adequately diagnose reading weaknesses and strengths of students who attend the clinic. The teacher clinicians will also be involved with corrective procedures that will be applicable for these students.

Ed 531 — Social Foundations of Education

The development of new perspectives concerning contemporary educational issues through an examination of the school as a social institution, a study of the impact of world changes, and challenges of the values to be sought through education for a new age in an emerging world community.

3 semester hours

Ed 532 — Historical Foundations of Education

A study of the historical development of American education. European influences of the philosophies and practices of American schools will serve as a background for the course. Emphasis will be placed on the development of education in America as influenced by various individuals and schools of thought. Historical trends will be related to current problems and practices in education.

3 semester hours

Ed 533 — Philosophical Foundations of Education

The development of principles upon which to base instruction, recent developments in scientific methodology, and theories of curriculum and school organization will be considered in this course. Stress will be placed upon the essential phases involved in building an individual working philosophy of education.

3 semester hours

EdEl 550 — Advanced Child Growth and Development

Advanced study of human growth and development from conception through maturity. Emphasis on development during childhood and adolescence. Study of research findings on processes of development; effects of family, peer groups, culture, and variations in development. Consideration will be given to research study and need in child development; directed observation.

3 semester hours

EdEl 560 — Children's Literature, Creative Application

A study of books from pre-school through the elementary grades; an exploration of creativity for pupils and teacher as inspired by children's literature; the varied use of the literature in teaching reading, language, content subjects, and the arts.

3 semester hours

EdEl 580 — Elementary School Classroom Music

An advanced course for elementary education majors aiming at more effective teaching of music by the elementary classroom teacher. Includes proper use of the child's voice, presentation of rote and reading songs, listening, creative activities, rhythmic activities, and the use of simple instruments in the classroom.

3 semester hours

EdEl 584 — Modern Mathematics for the Elementary School Teacher

A study of the algebraic structure of the number system which includes the natural numbers, integers, rational, reals, complex numbers, with emphasis on the basic concepts and techniques; properties of addition, multiplication, inverses, number line, operational postulates, and systems of numeration. Basic ideas and structure of algebra. Other topics would include primes, congruences, symbolic logic, functions, and set notation.

3 semester hours

EdEl 586 — Recent Trends in Social Studies

A critical appraisal of current programs of work offered in elementary school; intensive assessment of the possibilities for enrichment; the projection of a program using the potentials of the social studies in a dynamically changing world.

3 semester hours

**EdEl 587 — Elementary Science, Curriculum
and Instruction**

An opportunity is provided to explore principles, problems, and techniques in elementary science. Includes participation in scientific investigations and evaluations of current practices.

3 semester hours

**EdEl 591 — Curriculum Development and
Planning**

Theory and practice of curriculum development in the elementary school, which emphasizes aims, content, and research. Prerequisite: Teaching experience.

3 semester hours

**EdEl 592 — The Teacher and Educational
Leadership**

An examination of basic problems and current trends in elementary education, emphasizing the role of the teacher as a professional leader in improving the educational program. Prerequisite: Teaching experience.

3 semester hours

**EdEl 593 — Supervision for the Improvement
of Instruction**

Nature and function of supervision in the modern elementary school; the role of the elementary school supervisor in the improvement of the quality of instruction; appraisal of elementary school programs and the quality of instruction.

3 semester hours

Ed 598 — Research Project

3 semester hours

Ed 599 — Thesis

6 semester hours

English

MASTER OF EDUCATION DEGREE

Candidates for the Master of Education degree with a major in English are expected to be students who are or plan to become public school teachers of English, or have other reasons for pursuing this program that are acceptable to the English Department. Since this degree should represent a broad knowledge of the major field, students whose undergraduate major was not English or whose undergraduate preparation was not the equivalent of the program at Mansfield may be required to take additional course work in excess of the minimum credit hour requirements.

A minimum of 30 semester hours of graduate work in the thesis, or 33 semester hours of graduate work in the non-thesis program will be completed in accordance with the following divisions:

Basic Requirements

Eng 500	3 s.h.
Ed 531	3 s.h.

Field of Specialization

9 to 27 semester hours of graduate credit in English courses to be selected under advisement from the department. The number of semester hours will vary depending upon whether the thesis or non-thesis program is followed, and whether any courses outside the field of specialization are chosen as allied electives.

Research

Thesis (optional)	6 s.h.
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Allied Electives

A maximum of 9 semester hours of credit may be elected in graduate courses outside the field of specialization. The selection of courses will be based upon the student's needs as determined by his advisor.

MASTER OF ARTS DEGREE

Candidates for the Master of Arts degree in English should evidence a broad knowledge of the major field. Applicants from other colleges and universities should have completed a comparable program to that required for the B.A. degree at Mansfield. If serious deficiencies should exist in an applicant's undergraduate preparation, he may be required to take graduate or undergraduate work in excess of the number of hours required for the M.A. degree.

A minimum of 30 semester hours of graduate work in the thesis program or 33 semester hours of graduate work in the non-thesis program will be completed in accordance with the following divisions:

Basic Requirement

Eng 500	3 s.h.
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Field of Specialization

21 to 30 semester hours of graduate credit in English courses to be selected under advisement from the department. The number of semester hours will vary depending upon whether the thesis or non-thesis program is followed.

Research

Thesis	6 s.h.
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(Optional, but strongly recommended for those who plan to continue graduate work toward a Ph.D.)

Foreign Language

M.A. candidates must demonstrate a reading knowledge of one foreign language. (Further, see section "General Regulations Governing Foreign Language Requirements.")

ENGLISH COURSES

Eng 500 — Bibliography and Methods of Research

An introduction to the several kinds of literary scholarship and criticism with practical projects in bibliography, textual criticism, and literary history.

3 semester hours

Eng 501 — Old English Literature

Selections from Old English prose and poetry, including passages from *Beowulf*.

3 semester hours

Eng 502 — Chaucer and Medieval Literature

A study of Chaucer with special attention to literary milieu. Comparison of Chaucer's writings with examples of the chief forms of medieval literature.

3 semester hours

Eng 503 — Sixteenth-Century Lyric Poetry

A survey of the development of English poetry beginning with Wyatt and Surrey and culminating in Spenser. Special emphasis on prosody.

3 semester hours

Eng 504 — Elizabethan and Jacobean Drama

A comprehensive survey exclusive of Shakespeare.

3 semester hours

Eng 505 — Jonson, Donne, and Dryden

Dryden as the founder of a tradition, his opposite, and his chief antecedent; a study of the three writers for the purpose of elucidating the change in poetry which occurs at the beginning of the Neoclassical Period.

3 semester hours

Eng 507 — Spenser and Milton

Comparative study of the two chief Renaissance poets of the pastoral and epic forms.

3 semester hours

Eng 509 — The Comedy of Manners

A comprehensive survey of the genre from 1660 to the present with concentration upon Etherege Wycherley, Congreve, Sheridan, and Oscar Wilde.

3 semester hours

Eng 511 — Eighteenth-Century Moralists

A selection of texts from both philosophers and writers of imaginative literature, e.g., Shaftesbury and Fielding, for the purpose of underscoring the dominant character of the literature of the Age of Reason.

3 semester hours

Eng 513, 514 — Studies in Keats and Shelley or Wordsworth and Coleridge

Two major Romantic poets with emphasis falling alternately upon technical accomplishment and critical theory.

3 semester hours

Eng 515 — The Great Tradition in the English Novel

Studies in Austen, Eliot, Conrad, James, and D. H. Lawrence.

3 semester hours

Eng 517 — Main Currents in Victorian Thought

A treatment according to the method of the History of Ideas of texts which are especially illustrative of the impact of nineteenth-century thought upon imaginative literature.

3 semester hours

Eng 519 — Emerson, Thoreau, Hawthorne, Melville, and Twain

Emphasis upon these authors as classic American moralists and critics of the American scene.

3 semester hours

Eng 520 — Seminar in a Major American Writer

Emphasis upon esthetics.

3 semester hours

Eng 521 — The Twentieth-Century American Novel

A study of major works of selected American novelists since 1900.

3 semester hours

Eng 523 — Major Poets of the Twentieth Century

A study of selected major poets of the twentieth century who are representative of British and American poetry.

3 semester hours

Eng 524 — Contemporary American Drama

A consideration of the transitional state of the American theatre between World War I and World War II with a special emphasis on developing styles, stagecraft, playwriting, and personalities as they came more and more to reflect and influence their eras.

3 semester hours

Eng 525 — Contemporary English Drama

A review of the most recent developments on the English stage. Osborne, Pinter, and others.

3 semester hours

**Eng 526 — The Nature and Theory of
Language**

A study of the historical development of language, and of language as a form of human behavior with emphasis on semantics and on the several types of grammatical analysis.

3 semester hours

Eng 529 — Principles of Rhetoric

An historical survey of rhetorical principles and theories of style together with practical application of such principles to composition and the teaching of composition.

3 semester hours

Eng 550 — Shakespeare Seminar

A study of the sources of selected Shakespeare plays (alternately, tragedies, comedies, histories) and of the historical development of Shakespeare criticism.

3 semester hours

Eng 599 — Thesis

6 semester hours





Geography

Geog 540 — Conservation of Natural Resources

A consideration of man's relationship to the wildlife, grassland, minerals, water, and recreational resources of the United States and the principles of conservation which are involved. Major topics for study will be the potential of the United States to meet the demands of an increasing population undergoing rapid urbanization; the development of the conservation movement, the resource concept, resource use conflicts, land use patterns, land policy and land use competition.

3 semester hours

History

Candidates for the Master of Education degree with a major in history are expected to be students who are or plan to become public school teachers of history, or have other reasons for pursuing this program that are acceptable to the History Department. Since this degree should represent a broad knowledge of the major field, students whose undergraduate major was not history or whose undergraduate preparation was not the equivalent of the program at Mansfield may be required to take additional course work in excess of the minimum credit hour requirements.

A minimum of 30 semester hours of graduate work in the thesis program, or 33 semester hours of graduate work in the non-thesis program will be completed in accordance with following divisions:

Basic Requirements

Hist 500	3 s.h.
Ed 531	3 s.h.

Field of Specialization

9 to 27 semester hours of graduate credit in history courses to be selected under advisement from the department. The number of semester hours will vary depending upon whether the thesis or non-thesis program is followed, and whether any courses outside the field of specialization are chosen as allied electives.

Research

Research Project (optional)	3 s.h.
Thesis (optional)	6 s.h.

Allied Electives

A maximum of 9 semester hours of credit may be elected in graduate courses outside the field of specialization. The selection of courses will be based upon the student's needs as determined by his advisor.

HISTORY COURSES

Hist 500 — Historiography

Designed to acquaint the student with the basic techniques and procedures in research, this course treats with the major types of research, the methods of locating, evaluating, and interpreting evidence. The student develops a tentative outline, bibliography, and summary of investigative procedure for a research report.

3 semester hours

Hist 501 — History of Colonial America

Various aspects of social, economic, and political activities of the people in the English colonies prior to 1763 will be investigated.

3 semester hours

Hist 502 — The American Revolution, 1763-1789

The concepts, principles, and activities of the American Revolution will be studied as they appeared and developed in the period 1763-1789.

3 semester hours

Hist 503 — The Formative Period of United States of America

The problems of the emerging United States will be studied: foreign affairs, economic stability, growth of political systems, emergence of Jeffersonian Democracy.

3 semester hours

Hist 504 — The Jacksonian Era

An intensive study of the Age of Jackson, expansion, sectionalism, social, and political reform.

3 semester hours

Hist 505 — The Progressive Period

A study of conditions underlying the Progressive Movement; evaluation of measures taken to implement the Progressive program covering the period from 1870-1920.

3 semester hours

Hist 506 — 20th-Century American History

Intensive individual research on a selected portion of a major topic in which the individual effort contributes to the whole topic under study. Extensive use is made of the methods and tools of research and class discussion of individual scholarship and its relation to the whole topic.

3 semester hours

Hist 510 — American Intellectual History to 1865

A survey of the history of ideas in America before 1865 with careful study of such topics as Puritanism, the American Enlightenment, Romanticism, and other important trends. (Prerequisites: Hist 201)

3 semester hours

Hist 511 — American Intellectual History from 1865

A continuation of History 510. Emphasis will be placed upon such topics as Social Darwinism, pragmatism, progressivism, literary realism, and more recent concepts within twentieth-century economic and social thought. (prerequisites: Hist 202)

3 semester hours

Hist 512 — Modern American Diplomacy

This course deals with the diplomatic history of the United States in the Twentieth Century. Special emphasis will be placed on the period from 1930 to the present.

3 semester hours

Hist 551 — Renaissance and Reformation

Intensive individual research on topics selected from the period of European Renaissance and the Protestant Reformation. Individual reports will relate this scholarship to the whole.

3 semester hours

Hist 522 — Tudor and Stuart England

This course is concerned with the significant concepts and principles in the historical development of British institutions and the establishment of England as a major world power.

3 semester hours

Hist 553 — Age of Absolutism and Enlightenment

The rise of absolutism including the emergence of Russia and Prussia as major powers and the foundations of modern science in the Enlightenment.

3 semester hours

Hist 554 — French Revolution 1789-1815

A study in depth of the causes of the French Revolution, the failure of the monarchical system, the various systems which were tried in an effort to solve France's difficulties, Napoleon Bonaparte and his contribution, the Congress of Vienna.

3 semester hours

Hist 555 — Modern European History

Intensive individual research on a selected portion of a major topic in which the individual effort contributes to the whole topic under study. Extensive use is made of the methods and tools of research. Class discussion of individual scholarship and its relation to the whole topic.

3 semester hours

Hist 570 — Modern Middle East History

The course will deal intensively with such topics as the Arab-Israeli conflict, contemporary intellectual history, Russo-American rivalry, and inter-Arab ideological conflicts. A research project utilizing primary sources will be required.

3 semester hours

Hist 598 — Research Project

3 semester hours

Hist 599 — Thesis

6 semester hours

Mathematics

Candidates for the Master of Education degree with a major in mathematics are expected to be students who are or plan to become public school teachers of mathematics, or have other reasons for pursuing this program that are acceptable to the graduate committee of the Mathematics Department. Since this degree should represent a broad knowledge of mathematics, students whose undergraduate major was not mathematics or whose undergraduate preparation was not the equivalent of the program at Mansfield may be required to take additional course work in excess of the minimum credit hour requirements.

33 semester hours of course work will be completed in accordance with the following divisions:

Basic Requirements

Math 500	3 s.h.
Ed 531	3 s.h.

Field of Specialization

21 to 24 semester hours of graduate credit in mathematics courses to be selected under advisement from the department. The number will vary depending upon whether a course outside the field of specialization is chosen as an allied elective.

Professional Education Elective

One course under departmental advisement	3 s.h.
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Allied Elective

One course (optional) under departmental advisement	3 s.h.
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MATHEMATICS COURSES

Ma 500 — Contemporary Issues in Mathematics Education

Important problems and issues in mathematics education will be identified and discussed. Students will gain experience in the use of library source materials, particularly N.C.T.M. publications. Resource personnel will participate whenever possible.

3 semester hours

Ma 513 — Advanced Calculus

A study of the advanced topics of traditional calculus to include differentiation and integration of functions of several variables, vector analysis, improper integrals, line integrals, Green's theorem, surface integrals, and infinite series.

3 semester hours

Ma 515 — Foundations of Calculus

Basic theory of real-valued functions of a single real variable including real numbers, limits, sequences, continuity, the derivative, and the Riemann integral.

3 semester hours

Ma 516 — Real Analysis I

A modern approach to real analysis: Sets, functions, finite and infinite sets, fields, ordered fields, the real number system, Cartesian spaces, elementary topological concepts, the theorems of Heine-Borel and Baire, sequences, convergence, sequences of functions, local and global properties of continuous functions.

3 semester hours

Ma 517 — Real Analysis II

A continuation of MA 516: The derivative in \mathbb{R} and in \mathbb{R}^n , Riemann-Stieltjes integral, main theorems of integral calculus, integration in Cartesian spaces, convergence of infinite series, tests for convergence, series of functions.

3 semester hours

Ma 518 — Complex Variables

An introduction to the theory of complex variables: series, residues and poles, conformal mapping, analytic continuation, harmonic functions, Riemann surfaces.

3 semester hours

Ma 520 — Linear Algebra

A brief review of fundamental concepts of vector spaces, linear transformations, matrices and determinants followed by similarity theory including characteristic vectors and values, Jordan canonical form, Hamilton-Cayley Theorem. Also quadratic forms, normal matrices and transformations, linear programming, and functions of matrices.

3 semester hours

Ma 521 — Foundations of Abstract Algebra

A review of fundamental concepts involving sets, functions, and relations. A study of groups, rings, integral domains, fields, polynomials, and related topics.

3 semester hours

Ma 522 — Selected Topics in Algebra

A study in depth of one or two of the following: groups, rings, fields, Galois theory or other major areas of abstract algebra.

3 semester hours

Ma 530 — Selected Topics in Geometry

Selected topics from the basic theory of Euclidean and Non-Euclidean Geometry. Topics to be discussed include: incidence, linear and angular measure, similarity, congruence, separation, parallelism, area, and perpendicularity. Investigations of the foregoing will be conducted relative to absolute, hyperbolic, elliptic, and projective systems.

3 semester hours

Ma 540 — Number Theory

This course is designed to investigate aspects of number theory that are significant for the teaching of secondary school mathematics; hence the following problems and topics of historical and educational significance are included: numeration, divisibility, Euclid's algorithm, prime numbers, Diophantine Problems, congruences, and Euler's Theorem and consequences.

3 semester hours

Ma 541 — Foundations of Mathematics

The fundamental concepts and methods in mathematics which include the axiomatic method and infinite sets, and the development of various viewpoints on foundations including the Grege-Russell Thesis, intuitionism, and formalism.

3 semester hours

Ma 542 — History of Mathematics

A study of the history of mathematics, beginning with the birth of mathematical spirit in the Greek culture and continuing through the seventeenth century, and the transition of mathematics from the nineteenth to the twentieth century.

3 semester hours

Ma 550 — Statistics

Interval and point estimation, order statistics, limiting distributions, and tests of statistical hypotheses.

3 semester hours

Ma 551 — Probability

Sample spaces, combinatorial analysis, independent and dependent events, moment-generating functions, and random variables.

3 semester hours

Ma 560 — Topology

Review of elementary set theory, infinite sets, topological spaces, bases and subbases, subspaces, connectedness, metric spaces, continuous functions and homeomorphisms, compactness, product spaces.

3 semester hours

Ma 561 — Survey of Topology

Basic concepts of point-set and combinatorial topology. Topological equivalence, surfaces, orientability, connectedness, invariants, Euler's Theorem on polyhedra, the coloring of maps, topological spaces, types of spaces, homotopy, simplicial complexes, popular problems related to topology.

3 semester hours

Ma 570 -- Applied Mathematics I

A course to illustrate the principles and basic styles of thought in solving physical problems by mathematical methods. Topics include: vector analysis, Fourier series, special functions, coordinate transformations, eigenvalue-vector problems, dyadics, and tensors. Applications include wave motion, heat and fluid flow, particle dynamics, stress, and moment of inertia tensors.

3 semester hours

Ma 571 — Applied Mathematics II

A study of ordinary and partial differential equations of mathematical physics. Topics include a review of methods in elementary differential equations, systems of linear differential equations, Laplace transforms, numerical methods, boundary value problems, and partial differential equations of mathematical physics. Applications include vibrating strings, heat conduction problems, and vibrating membranes.

3 semester hours

Ma 572 — Vector and Tensor Analysis

A detailed study of vectors and tensors from three points of view: geometry, linear algebra, and analysis. Topics include vector algebra, differentiation of vectors, partial differentiation and associated concepts, integration of vectors, tensor algebra and analysis. Tensor notation is used throughout. Applications include topics from kinematics, rotating frames of reference, Newtonian orbits, an introduction to Einstein's special theory of relativity, and geodesics.

3 semester hours

Ma 573 — Numerical Analysis and Programming

A study of numerical methods for the solution of algebraic, transcendental, and differential equations, numerical integration and differentiation, error analysis, and systems of linear equations. Each method will be programmed and run on the college computer by the student.

3 semester hours

Ma 590 —Seminar

A course designed for those degree students who may desire to continue investigation of issues discussed in Ma 500. Discussions with fellow students and professors will be encouraged. The use of library materials will be stressed.

3 semester hours



Music

Candidates for the Master of Education degree with a major in music are expected to be students who are or plan to become public school teachers of music, or have other reasons for pursuing this program that are acceptable to the graduate committee of the Music Department. Since this degree should represent a broad knowledge of music, students whose undergraduate major was not music or whose undergraduate preparation was not the equivalent of the program at Mansfield may be required to take additional course work in excess of the minimum credit hour requirements.

A minimum of 30 semester hours of graduate work in the thesis program, or 33 semester hours of graduate work in the non-thesis program will be completed in accordance with the following divisions:

Basic Requirements	
Mus 500	3 s.h.
Ed 531	3 s.h.
Field of Specialization	
Mus 525	2 s.h.
Mus 528	3 s.h.
One course in Music	
History (Mus 501 to Mus 509)	3 s.h.
One course in Music	
Theory (Mus 510 to Mus 519)	3 s.h.
One course in Conducting	
(Mus 531 or Mus 532)	2 s.h.
Applied Music (Mus 541)	4 s.h.

0 to 10 semester hours of graduate credit in additional music courses to be selected under advisement from the department. The number of semester hours will vary depending upon whether the thesis or non-thesis program is followed, and whether courses outside the field of specialization are chosen as allied electives.

Research (optional)

One of the following:

Mus 595

Creative Project—Composition 2 s.h.

Mus 596

Creative Project—Transcription 2 s.h.

Mus 597 Recital 2 s.h.

Mus 598 Research Project 3 s.h.

Mus 599 Thesis 6 s.h.

Allied Electives

A maximum of 9 semester hours of credit may be elected in graduate courses outside the field of specialization. The selection of courses will be based upon the student's needs as determined by his advisor.

MUSIC COURSE DESCRIPTIONS

ETHNOMUSICOLOGY

Mus 485 — Introduction to Ethnomusicology

A definition of the discipline, its history and objectives will be followed by a thorough discussion of the basic descriptive and analytical procedures, bibliography, and techniques. "non-western", folk, and traditional musical instruments and musical styles and their description, analysis, classification, and evolution will be discussed, followed by a study of the procedures of applied anthropology. The traditional music and musical instruments in several culture areas will be studied: West and South Africa, Southeast Asia, Japan, India, and the United States (American Indian). Sources for the study of Pennsylvania folklore and folk music will be examined. Sources for traditional music materials and some problems connected with their use in the music education curriculum will be considered.

3 semester hours

Mus 486 — An Introduction to Chinese Music

A study of Chinese music covering the following topics: historical background, Chinese instruments, temperament of Chinese music, notation of Chinese music, Chinese folk music, modern Chinese music, Chinese opera, modes of Chinese music, influences of contemporary Chinese music upon the evolution of the Chinese society, design of a music room for Chinese music, and Chinese music in American music education.

3 semester hours

RESEARCH; MUSIC HISTORY AND LITERATURE

Mus 500 — Methods and Materials of Research

A course designed to acquaint the student with the basic techniques, procedures, and sources used in research. Selection of a research problem; methods for locating, evaluating, and interpreting evidence; types of research; formal writing style; and the use of the library in connection with the research problems will be studied. Elements of statistics will be introduced. The course provides background for the preparation of a thesis or research project as well as papers for graduate courses, and enables the student to become an intelligent consumer of the products of educational research. As part of the requirements for this course the student will prepare a written plan for a research project or thesis. Required of all graduate students in music education.

3 semester hours

Mus 501 — American Music

A survey of the development of music in America from the colonial era to the present. Psalmody, secular songs, folk and dance music, plays with music, operas, concert life and music publishing, songs and piano compositions, oratorios, orchestral works, jazz, music in education, the American "schools" of composition.

3 semester hours

Mus 502 — Sacred Music

To observe the development of music of the Christian Church from the beginning of the Christian era to the present. Liturgical music — the Byzantine chant of the Eastern Orthodox Church, the Gregorian Chant of the Roman Catholic Church, and the chant of the Anglican Church, the Lutheran chorale, the hymn and extra-liturgical vocal works such as anthems, motets, cantatas, passions, and oratorios will be examined. The use of instrumental music will also be discussed. Emphasis will be placed on liturgically correct and appropriate music for the church.

3 semester hours

Mus 503 — History of Opera

A history of opera from the late sixteenth century up to the present time with attention to the conventions by which the librettist and composer were governed, the musical, dramatic, and social climate in which the opera was composed. Two fundamental types of opera will be considered: that in which music is the principle issue, and that in which music is more or less on a par with other factors. Prerequisite: Music History I and II or equivalent. At least three semesters of music theory.

3 semester hours

Mus 504 — Medieval Music

Gregorian chant, secular monophonic music, and the monuments of polyphonic music to middle of fifteenth century against background of history, culture, and social conditions of the period.

3 semester hours

Mus 505 — Renaissance Music

Sacred and secular music from middle of fifteenth to early seventeenth century; from Dufay and Binchois to Lasso, Palestrina, Gabrielli, and Byrd.

3 semester hours

Mus 506 — Baroque Music

Music in seventeenth and first half of eighteenth centuries; from Monteverdi and Schutz to Bach and Handel. Comparisons between baroque music and baroque art; social and political conditions of the time.

3 semester hours

Mus 507 — Rococo and Classical Music

The "style galant", "musical sensibility", and the flowering of the classical style; the works of Haydn, Mozart, and Beethoven viewed against background of social and political conditions of the time.

3 semester hours

Mus 508 — Nineteenth Century Music

Study of musical style and expression during the nineteenth century with special emphasis on intellectual foundations of the romantic movement. Representative works in the various forms studied and analyzed in detail.

3 semester hours

Mus 509 — Twentieth Century Music

An analytical, technical and historical study of music of the twentieth century. Since a knowledge of the past musical epochs is essential to the proper understanding of present-day developments, this course will also comprise a study of post-romantic and impressionist trends from which modern composers are evolving a new tonal art. Music of the twentieth century will be analyzed with particular attention to details of melody, harmony, tonality, rhythm, texture, orchestration, and form. Prerequisite: Music History II and Basic Music IV.

3 semester hours

THEORY, ORCHESTRATION, AND COMPOSITION

Mus 513 — Composition

Development of deeper insight into music through intensive creative experience. Various media will be used. Projects which will require research and application of specific techniques will be required in addition to original composition. Prerequisite: Required undergraduate courses in music theory.

3 semester hours

Mus 514 — Form and Analysis

A survey of the historical development of musical form and style. Various methods of musical analysis will be studied and applied to compositions which are representative of various periods of music history. Prerequisite: Required undergraduate courses in music theory.

3 semester hours

Mus 515 — Canon and Fugue

Study of the problems involved in writing these types of compositions. Analysis and original composition will be used to give students insights into imitative style. Music of the Baroque period will serve as the basis for much of this course, although application of the general principles of contrapuntal writing in other periods of music history will also be studied. Prerequisite: Counterpoint or its equivalent.

3 semester hours

Mus 518 — Advanced Vocal Scoring

Development of skill in scoring music for various vocal groups. Special attention will be given to arranging for unbalanced vocal groups such as may be found in the public schools.

3 semester hours

Mus 519 — Advanced Instrumental Scoring

Arranging for various families and choirs of instruments, culminating in an arrangement of a suitable organ or piano composition for a concert group. Prerequisite: Undergraduate course in orchestration.

3 semester hours

MUSIC EDUCATION

Mus 521 — Instrument Repair

Demonstrations and laboratory experiences to prepare the student to take care of instrument repair problems encountered in a school band or orchestra. Practical care and repair of woodwinds, brasses, strings, percussion included.

1 semester hour

Mus 522 — Comparative Music Education

A course designed to give the music specialist, classroom teacher, and administrator a comprehensive view of the contemporary approach to music education in the public schools of the United States in comparison with music education in foreign countries.

2 semester hours

Mus 523 — Recent Trends in Music Education: Elementary and Middle Schools

New concepts in classroom music teaching in the elementary and middle schools. Emphasis upon the contributions of contemporary composers and ethnomusicologists, the Orff approach and Kodaly method. Consideration of recent research and new materials. Individual projects related to specific teaching situations.

2 semester hours

**Mus 524 — General Music Classes in
Secondary Schools**

Development of projects correlated with the entire curriculum. Study of musical concepts to be presented in 7th, 8th, and 9th grades, and two years in the senior high school.

2 semester hours

Mus 525 — Seminar in Music Education

The principles, philosophies, and objectives of music education will be identified and formulated. They will be discussed within the context of historical backgrounds and current trends. Application will be made to the public school music program K-12 with special application to the specific needs of the class members. Prerequisite: Methods I, II, and III, or equivalent experience.

2 semester hours

**Mus 526 — Administration and Supervision of
Public School Music**

The role of the music educator in positions of administration and supervision will be examined. An analysis of administrative function will include the definition of purpose, planning, organizing, directing, evaluating, and improving school music programs. The supervisory function will be examined as it pertains to human relations, improving instruction, curriculum development, and public relations. Materials, budgets, housing, scheduling, and related areas will be studied.

3 semester hours

Mus 527 — Orff Schulwerk

An approach to the teaching of music to children designed by the composer, Carl Orff. A rich collection of elementary music and speech forms, whose structural technique is based upon historically developed fundamental forms and in which the reciprocal effect of music and movement, music and speech is understood and disclosed. Presentation of and instruction in the use of Orff Schulwerk editions, music books, films, records, and instruments especially designed for this approach to music teaching.

2 semester hours

Mus 528 — Psychology of Music

This course will start with the effects of music on people, physically and psychologically. This will be followed by examination of musical talents, innate and learned, and their probable chronology of growth. Standardized tests of musical capacity and knowledge will be studied and evaluated. The pertinency of this information for the music education program will be applied in the terminal project. Prerequisite: A knowledge of undergraduate psychology and music methods is necessary. Teaching experience in the music education field would be a valuable asset.

3 semester hours

**Mus 529 — Marching Band Techniques and
Materials**

A detailed study of the marching band including organization, music, materials, care of instruments, and uniforms, marching essentials, and contemporary techniques.

2 semester hours

CONDUCTING

Mus 531 — Advanced Choral Conducting

To provide students who show particular aptitude in conducting with further opportunities in that field. Special emphasis will be on analysis of vocal scores (included would be major choral works that use instrumental accompaniment) and the study of style of various periods of music history.

2 semester hours

**Mus 532 — Advanced Instrumental
Conducting**

Study and analysis of all phases of baton technique and score reading. Developing an ability to read and conduct full scores of works involving large and chamber ensembles, orchestra, and band. The skill development of each individual will be stressed. Qualified students will be given the opportunity to conduct college instrumental groups.

2 semester hours

APPLIED MUSIC

Each student must complete a minimum of two hours on his principal instrument at course levels in the 400 series or higher. A student who does not meet the standards for graduate proficiency on his major instrument must elect that instrument for undergraduate credit until such proficiency is achieved.

A maximum of two hours on other instruments at course levels below 400 may be elected for graduate credit provided: (1) the courses were not required for completion of undergraduate degree requirements in the music education curriculum at Mansfield, and (2) the courses, whether required or not, are at levels beyond those completed during the student's undergraduate degree program.

Mus 541-542, 641-642

Secondary Courses — Class Instruction
1 semester hour

Mus 543-544, 643-644

Secondary Courses — Private Instruction
1 semester hour

Mus 545-546, 645-646

Major Courses — Private Instruction
1 or 2 semester hours

Private or class study in voice, keyboard, strings, woodwind, brass, and percussion areas. Such study will be designed to meet the professional needs of the student. Consent of instructor is required. Available for one credit during each six weeks summer session of graduate study or two credits for each semester of the regular academic year, up to six semester hours. Two semester hours of credit with satisfactory performance of the material designated for a particular level must be earned before proceeding to the next higher level. (A detailed statement of content at various performance levels may be obtained from the chairman of the Music Department.)

Mus 550 Band I

Mus 551 Band II

Mus 553 Orchestra I

Mus 554 Orchestra II

Mus 556 Chorus I

Mus 557 Chorus II

Mus 558 Chorus III

Mus 561 Percussion Ensemble

Mus 562 Opera Workshop

Mus 563 Woodwind Ensemble

Mus 564 Brass Ensemble

Mus 565 Vocal Ensemble

Mus 566 Esquires

Mus 567 French Horn Ensemble

Mus 568 String Ensemble

Mus 569 Collegium Musicum

Participation in these college organizations is open to qualified graduate students. Organizational participation while not required is strongly recommended and all interested persons are invited to audition. Ensemble participation is recorded on the student's transcript, but no semester hours of credit are given.

PEDAGOGY

Mus 571 Vocal Pedagogy 2 semester hours

Mus 572 Piano Pedagogy 2 semester hours

Mus 574 String Pedagogy 2 semester hours

Mus 575 Woodwind Pedagogy
2 semester hours

Mus 576 Brass Pedagogy 2 semester hours

Mus 577 Percussion Pedagogy
2 semester hours

A study of the techniques, teaching problems, teaching materials, and literature related to a given applied music area.

Mus 579 — Pedagogy of Music Theory

A study of the techniques and materials used in teaching the various skills included in courses in music theory. Special emphasis will be placed on theory instruction in the public schools. A comparison of the various procedures in present day use and an introduction to the work of outstanding theorists will be included.

2 semester hours

VOCAL, KEYBOARD, AND INSTRUMENTAL LITERATURE

Mus 580 — Advanced Choral Literature

To observe and investigate choral music from early Renaissance to the present. Emphasis on styles and interpretation in the light of latest research, major choral works of different periods, and the historical and cultural influences upon them.

3 semester hours

Mus 581 — Piano Literature

A study of the most important compositions from the Baroque to the present for form and style. Performances presented by the piano faculty and advanced students. Outside listening required.

3 semester hours

Mus 582 — Early Keyboard Literature

A survey of music written for keyboard instruments: organ, clavier, and including transcriptions of music for lute. Examples will be drawn from the late medieval, renaissance, and early baroque periods. Analytical performances both by students and the instructor.

2 semester hours

Mus 583 — The Piano Sonata

A study of the piano sonata from the earliest works written specifically for the piano to those of the present day. Detailed analyses of selected sonatas of the composers of each period. The analyses will include formal aspects, techniques of thematic manipulation, and a thorough examination of idiomatic writing for the keyboard. Analytical performances both by students and the instructor.

3 semester hours

MUSIC CRITICISM, RESEARCH AND CREATIVE PROJECTS, RECITAL, AND THESIS

Mus 594 — Music Criticism

A study of principles involved in forming and expressing judgement about musical works and performances; channeling of listening experiences; analysis of past and present examples of music criticism; review of books and articles on music; coverage of concerts given on the MSC campus and in nearby areas; class discussion of student reviews.

2 semester hours

Mus 595 — Creative Project (Composition)

Students writing a musical composition in lieu of a thesis or research project will register for this course. For further details concerning the creative project, see under Research Requirements for the Master of Education Degree.

2 semester hours

Mus 596 — Creative Project (Transcription)

Students doing a musical transcription in lieu of writing a thesis or research project will register for this course. For further details concerning the creative project, see under Research Requirements for the Master of Education degree.

2 semester hours

Mus 597 — Recital

Students selecting to perform a recital in lieu of writing a thesis or research project will register for this course. The formal recital given in the major performing medium represents the culmination of study in the applied area. For further details concerning the recital, see under Research Requirement for the Master of Education Degree.

2 semester hours

Mus 598 — Research Project

3 semester hours

Mus 599 — Thesis

6 semester hours

Political Science

PSci 543 — African Politics

A course for graduate students and for selected undergraduates whose background and motivation indicate preparedness for the work involved. An examination of contemporary political organizations in Africa, South of the Sahara, to include national, supra-national (regional), and continental groupings. Personalities and philosophies which have contributed to the present situation will be discussed with emphasis upon coverage of types of political systems rather than upon individual nations. Final phases of the course will be devoted to analysis of the problems facing political systems in Africa; comparison to other developing areas, past and present; and consideration of possible courses of action. This is a course in politics, and not a course in international relations, current events, history, or geography. Only such aspects of related disciplines as vitally affect an understanding of the political situation will be covered in PSci 543.

3 semester hours

Psychology

Psy 501 — Social Psychology

A scientific study of the individual in society. In an attempt to organize what man has learned about man, use is made of findings in the areas of general psychology, personality psychology, social psychology, anthropology, and sociology. It is hoped that the student will find a synthesis of behavioral social sciences which will assist him in his understanding of the various institutions in our cultures and their effect upon the individual. A term paper is a major requirement in the course.

3 semester hours

Psy 503 — Theories of Learning

An analysis of historical and contemporary theories of learning. Theories are examined as to the research they have generated and examples are studied of application in the fields of education, psychology, and industry.

3 semester hours

Psy 511 — Advanced Mental Hygiene

The course offers a comprehensive treatment of principal issues and topics in the field of mental health and mental hygiene. Emphasis is placed upon the psychology of adjustment as it applies to normal patterns of motivation. Also included in the course: (1) a study of the problems of mental health as they relate to the community, state, and nation, (2) symptoms, treatment, and prevention of the more serious disturbances.

Even though a text book is used, emphasis is placed on material found in current journals in the field. The course is designed for students with significant background in the areas relating to mental health to enable them to handle a graduate course. Two reports and a term paper are required.

3 semester hours

Psy 530 — Introduction to Psychological Tests and Measurements (Assessment of Behavior I)

Survey of the history and current status of measurement theory. Consideration is given to tests of aptitude, achievement, interest, special skills, intelligence, and personality. Techniques are presented for the evaluation of paper and pencil tests, and special attention is given to the limitations of tests. This course is designed for general information and is intended as a prerequisite for Psy 531 and Psy 532.

3 semester hours

Psy 531 — Introduction to Individual Psychological Testing (Assessment of Behavior II)

Emphasis is placed upon psychological assessment using individual tests of intelligence, psychomotor functions, and learning disabilities. Specific topics include testing as interviewing, data collection, scoring, and elements of interpretation and reporting. Pre-requisite for Psy 532.

3 semester hours

Psy 532 — Advanced Individual Psychological Testing (Assessment of Behavior III)

This course is a continuation of Psy 531 and includes an introduction to individual personality assessment using intelligence test data, interview material, and the results of projective tests. Emphasis is upon data oriented report preparation stressing remedial recommendations rather than diagnostic classification.

3 semester hours

Science and Computer Science

Sci 503 — Science of the 20th. Century

A summary of scientific discoveries and developments made in the present century which have had a great impact on world affairs and on living standards; the importance science has played in this role.

3 semester hours

Sci 506 — Great Scientists of the United States

A study of the major contributions made by United States scientists in biology, chemistry, physics, and related fields. Correlation of these scientific achievements with the economic growth of our country is made by liberal use of our library facilities.

3 semester hours

CSci 510 — Basic Fortran for Computer Programming

A survey of the fundamentals of Fortran programming as they apply to the IBM 1620 Computer. The course will concentrate on basic concepts of the Fortran language with particular emphasis on the use of Fortran for solving practical problems pertinent to business and science.

3 semester hours

Special Education

SpEd 490 — Learning Disabilities

Considers learning needs and problems of children with special learning disabilities in listening, thinking, speaking, reading, writing, spelling, and/or arithmetic. Discussion of definitions, etiology, diagnostic problems, and research findings, emphasizing the multidisciplinary approach. Development and evaluation of remedial procedures and materials.

3 semester hours

SpEd 501 — Psychology of Exceptional Children

Advanced study of personality, emotional, social, and learning characteristics of children who are exceptional in physical development, intelligence, behavior, speech, and hearing. Emphasis on research findings; understanding the psychological problems of these children and methods to facilitate adjustment; attitudes; mental tests and diagnosis; counseling and guidance; and educational implications. Observation of exceptional children.

3 semester hours

SpEd 502 — Administration and Supervision of Special Education

Problems of organization, administration, and supervision of special education programs; finance and attendance; physical facilities; budget; needed equipment; community agencies; curriculum development; and research.

2 semester hours

SpEd 505 — Mental Retardation

Intensive review of research pertaining to etiology of mental retardation, classification systems, and diagnostic problems. Included are a study of brain injury, familial retardation, research on learning characteristics, and evaluation of psychological tests. Criteria distinguishing mental retardation from other problems are examined.

3 semester hours

SpEd 510 — Seminar on Speech and Hearing Problems

Advanced study of speech, hearing, and language disorders. Concentrating efforts in the direction of case studies and appropriate investigative activities. The orientation will be multi-disciplinary with exploration and discussion of problems along with procedures and materials necessary for remediation.

3 semester hours

SpEd 520 — Seminar on the Mentally Gifted

Advanced study of nature, characteristics, and educational needs of mentally gifted students. Review of research findings with implications for curriculum development, teaching procedures, and instructional materials. Observation and field resource visitations included.

3 semester hours

SpEd 530 — Disadvantaged Children and Youth

An advanced study of the socio-economic, political, and ethnic characteristics of disadvantaged children and youth with particular emphasis on relevant research as it relates to etiology, current corrective programs, and alternate solutions to the problems associated with deprivation.

3 semester hours

SpEd 531 — Education of Disadvantaged Children and Youth

An advanced study of the learning characteristics of disadvantaged children and youth. Particular emphasis will be placed on current educational intervention strategies with the development of additional methods of educational intervention as a goal. Current and relevant research will be considered.

3 semester hours

Notes

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Index

Absences	20	Library facilities	11
Administration	56	Load	19
Admission to graduate study	12, 17	Mathematics	42
Advisory system	27	Music	45
Art	31	Non-degree program	13
Assistantships	16	Objectives	10
Auditors	21	Parking	22
Board of Trustees	56	Permanent certification	21
Calendar	2	Placement	28
Candidacy	18	Political Science	52
Changes in registration	26	Probationary student	13
Class cancellation	20	Program changes	26
College	9	Programming and registration	27
Community	9	Psychology	52
Comprehensive examinations	19	Reciprocity	24
Computer Science	53	Recital	29
Continuing Education	13	Refunds	27
Counselorships	16	Registration	27
Creative projects in music	29	Research project	28
Degree requirements	12	Research requirement	28
Degree program	12	Residence requirements	20
Directories	56	Scheduling of classes	19
Education	33	Scholarship requirements	21
Elementary Education	32	Science	53
English	36	Special Education	54
Faculty	57	Student responsibility	27
Fees	25	Thesis	28
Foreign language requirements	14	Time limit	20
Foreign students	15	Transcripts	26
Geography	39	Transfer of credit	24
Grading	20	Undergraduate students, admission of	17
Graduate Council	56	Veterans	21
Graduation	28	Withdrawals	26
Graduate Division	10		
Health and infirmity service	23		
History	40		
Housing facilities	22		
Incomplete grade	21		

MANSFIELD CAMPUS PLAN

Key to Map

1. Allen Hall
2. Alumni Hall (Adm.-Library Bldg.)
//// Addition to Alumni Hall
3. Arts Building
4. Belknap Hall
5. Boiler Plant
6. Doane Health Center
7. Will George Butler Center
8. Van Norman Field House & Football Field
///// New Gymnasium, Pool
9. Grant Science Center
10. Old Infirmary
11. Maintenance Building
12. Manser Dining Hall
13. President's Home
15. Retan Center
16. South Hall
17. Straughn Auditorium
18. Student Union Center
- Dormitory Complex**
19. Hemlock Manor
20. Hickory Hall
21. Laurel Manor
22. Maple Hall
23. Oak Hill Hall
24. Pine Crest Manor
25. Beecher House
26. Richards House

